

6F6-G
6F6-GT

# 6F6-G

## POWER PENTODE

### GENERAL DATA

**Electrical:**

Heater, for Unipotential Cathode:
- Voltage . . . . . . . . . 6.3 . . . . . . ac or dc volts
- Current . . . . . . . . . 0.7 . . . . . . . . . . . . amp

Direct Interelectrode Capacitances (Approx.):°
- Grid No.1 to plate . . . . . . . . . . . . . 0.5 μμf
- Grid No.1 to cathode & grid No.3, grid No.2, and heater . . . . . . . . . . . . . . . . 8 μμf
- Plate to cathode & grid No.3, grid No.2, and heater . . . . . . . . . . . . . . . . 6.5 μμf

**Mechanical:**

- Mounting Position . . . . . . . . . . . . . . . . . . . . . . . Any
- Maximum Overall Length . . . . . . . . . . . . . . . . . . 4-5/8"
- Maximum Seated Length . . . . . . . . . . . . . . . . . . 4-1/16"
- Maximum Diameter . . . . . . . . . . . . . . . . . . . . . 1-13/16"
- Dimensional Outline . . . . . . . . . . . . . *See General Section*
- Bulb . . . . . . . . . . . . . . . . . . . . . . . . . . . . ST-14
- Base . . . . . . . . Medium-Shell Octal 7-Pin (JETEC No.B7-12) ←
  - Basing Designation for BOTTOM VIEW . . . . . . . . . . . 7S ←

Pin 1 - No Connection
Pin 2 - Heater
Pin 3 - Plate
Pin 4 - Grid No.2
Pin 5 - Grid No.1
Pin 7 - Heater
Pin 8 - Cathode, Grid No.3

**Additional data and curves for the 6F6-G are the same as those shown under type 6F6**

° Without external shield.

← Indicates a change.

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**Mechanical:**

- Mounting Position . . . . . . . . . . . . . . . . . . . . . . . Any
- Maximum Overall Length . . . . . . . . . . . . . . . . . . 3-7/16"
- Maximum Seated Length . . . . . . . . . . . . . . . . . . 2-7/8"
- Maximum Diameter . . . . . . . . . . . . . . . . . . . . . 1-9/32"



TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY